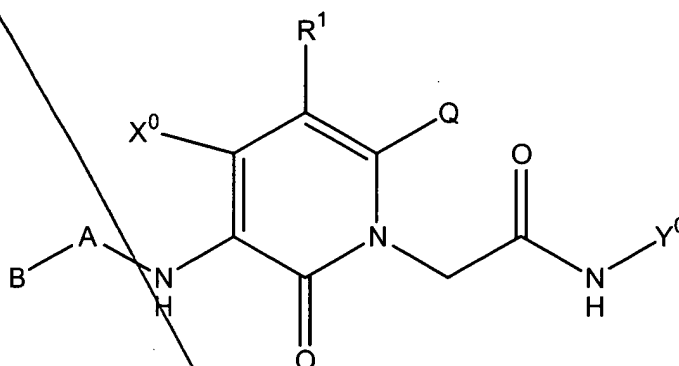


Express Mail No. EV 233502734 US

AMENDMENTS TO THE CLAIMS

Claim 62 (currently amended): A compound having the formula:



or a pharmaceutically acceptable salt thereof, wherein:

B is selected from the group consisting of hydrido, C2-C8 alkyl, C3-C8 alkenyl, C3-C8 alkynyl, and C2-C8 haloalkyl, wherein each member of group B is optionally substituted at any carbon up to and including 6 atoms from the point of attachment of B to A with one or more of the group consisting of R^{32} , R^{33} , R^{34} , R^{35} and R^{36} ;

R^{32} , R^{33} , R^{34} , R^{35} and R^{36} are independently selected from the group consisting of hydrido, acetamido, haloacetamido, amidino, guanidino, alkoxy, hydroxy, amino, alkoxyamino, alkylamino, alkylthio, amidosulfonyl, monoalkyl amidosulfonyl, dialkyl amidosulfonyl, alkyl, halo, haloalkyl, haloalkoxy, hydroxyalkyl, carboalkoxy, carboxy, carboxamido, cyano, and Q^b ;

A is selected from the group consisting of a single covalent bond and $(CH(R^{15}))_{pa}-(W^7)_r$, wherein r is an integer selected from 0 through 1, pa is an integer selected from 0 through 3, and W^7 is $N(R^7)$;

R^7 is selected from the group consisting of hydrido and alkyl;

R^{15} is selected from the group consisting of hydrido, halo, alkyl, and haloalkyl;

R^1 and X^0 are independently selected from the group consisting of hydrido, hydroxy, hydroxyamino, amidino, amino, cyano, hydroxyalkyl, alkoxy, alkyl, alkylamino, aminoalkyl, alkylthio, alkoxyamino, haloalkyl, haloalkoxy, and halo;

Q is selected from the group consisting of aryl or and heteroaryl, wherein a carbon adjacent to the carbon at the point of attachment is optionally substituted by R^9 ; the other carbon adjacent to the carbon at the point of attachment is optionally substituted by R^{13} ; a carbon adjacent to R^9 and two atoms from the carbon at the point of attachment is optionally substituted by R^{10} ; a carbon adjacent to R^{13} and two atoms from the carbon at the point of attachment is optionally substituted by R^{12} ; and any

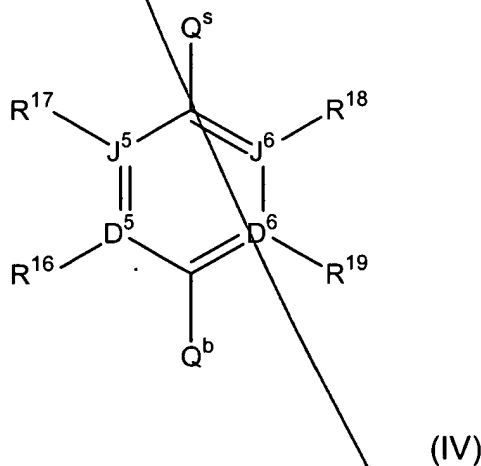
Express Mail No. EV 233502734 US

carbon adjacent to both R^{10} and R^{12} is optionally substituted by R^{11} ; (a) a ring carbon in a first alpha position relative to the ring carbon at the point of attachment is optionally substituted by R^9 , (b) a ring carbon in a second alpha position relative to the ring carbon at the point of attachment is optionally substituted by R^{13} , (c) a ring carbon, in a first beta position relative to the ring carbon at the point of attachment and in an alpha position relative to the ring atom optionally substituted by R^9 , is optionally substituted by R^{10} , (d) a ring carbon, in a second beta position relative to the ring carbon at the point of attachment and in an alpha position relative to the ring atom optionally substituted by R^{13} , is optionally substituted by R^{12} , and (e) a ring carbon, if present, in the gamma position relative to the ring carbon at the point of attachment and in an alpha position relative to each of the ring atoms optionally substituted by R^{10} and R^{12} , respectively, is optionally substituted by R^{11} ;

R^9 , R^{11} and R^{13} are independently selected from the group consisting of hydrido, hydroxy, amino, amidino, guanidino, alkylamino, alkylthio, alkoxy, alkylsulfinyl, alkylsulfonyl, amidosulfonyl, monoalkyl amidosulfonyl, alkyl, halo, haloalkyl, haloalkoxy, hydroxyalkyl, carboxy, carboxamido, and cyano;

R^{10} and R^{12} are independently selected from the group consisting of hydrido, acetamido, haloacetamido, amidino, guanidino, alkyl, alkoxy, alkoxyamino, aminoalkyl, hydroxy, amino, alkylamino, alkylsulfonamido, amidosulfonyl, monoalkyl amidosulfonyl, dialkyl amidosulfonyl, hydroxyalkyl, halo, haloalkyl, carboalkoxy, carboxy, carboxyalkyl, carboxamido, and cyano;

Y^0 is formula (IV):



wherein D^5 , D^6 , J^5 , and J^6 are independently selected from the group consisting of C, N, O, S and a covalent bond with the provisos that no more than one is a covalent bond,

Express Mail No. EV 233502734 US

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no more than one of D⁵, D⁶, J⁵ and J⁶ is O, no more than one of D⁵, D⁶, J⁵ and J⁶ is S, one of D⁵, D⁶, J⁵, and J⁶ must be a covalent bond when two of D⁵, D⁶, J⁵, and J⁶ are O and S, and no more than four of D⁵, D⁶, J⁵, and J⁶ are N, with the provisos that R¹⁶, R¹⁷, R¹⁸, and R¹⁹ are each independently selected to maintain the tetravalent nature of carbon, the trivalent nature of ~~nitrogen~~ nitrogen, the divalent nature of sulfur, and the divalent nature of oxygen;

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R¹⁷ and R¹⁸ are independently selected from the group consisting of hydrido, amidino, guanidino, carboxy, haloalkylthio, alkoxy, hydroxy, amino, alkylamino, alkylthio, alkylsulfinyl, alkylsulfonyl, alkanoyl, haloalkanoyl, alkyl, halo, haloalkyl, haloalkoxy, hydroxyalkyl, aminoalkyl, and cyano;

R¹⁶ and R¹⁹ are independently selected from the group consisting of hydrido, amidino, guanidino, carboxy, haloalkylthio, alkoxy, hydroxy, amino, alkylamino, alkylthio, alkylsulfinyl, alkylsulfonyl, alkanoyl, haloalkanoyl, alkyl, halo, haloalkyl, haloalkoxy, hydroxyalkyl, aminoalkyl, cyano, and Q^b with the proviso that no more than one of R¹⁶ and R¹⁹ is Q^b at the same time and that Q^b is Q^{be};

Q^b is selected from the group consisting of NR²⁰R²¹, Q^{be} wherein Q^{be} is hydrido, N(R²⁶)C(NR²⁵)N(R²³)(R²⁴), and C(NR²⁵)NR²³R²⁴;

R²⁰, R²¹, R²³, R²⁴, R²⁵ and R²⁶ are independently selected from the group consisting of hydrido and alkyl; and

Q^s is CH₂.

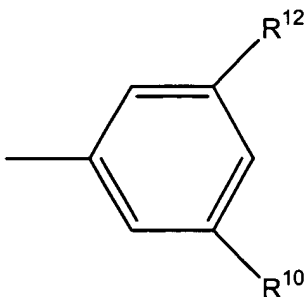
Claim 63 (previously added): The compound of claim 62 wherein Y⁰ is amidinoaralkyl or amidinoheteroaralkyl.

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Claim 64 (previously added): The compound of claim 63 wherein A is a single covalent bond, X⁰ is hydrido and R¹ is hydrido or halo.

Claim 65 (previously added): The compound of claim 64 wherein B is C2-C8 alkyl.

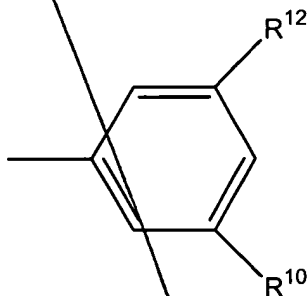
Express Mail No. EV 233502734 US

Claim 66 (previously amended): The compound of claim 65 wherein Q is



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and R¹⁰ and R¹² are independently selected from the group consisting of hydrido, acetamido, haloacetamido, amidino, guanidino, alkyl, alkoxy, alkoxyamino, aminoalkyl, hydroxy, amino, alkylamino, alkylsulfonamido, amidosulfonyl, monoalkyl amidosulfonyl, dialkyl amidosulfonyl, hydroxyalkyl, halo, haloalkyl, carboalkoxy, carboxy, carboxyalkyl, carboxamido, and cyano.

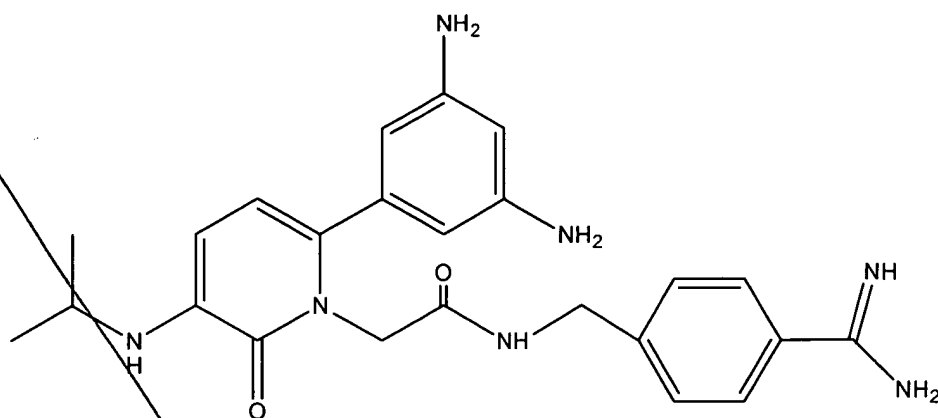
Claim 67 (previously amended): The compound of claim 63 wherein Q is



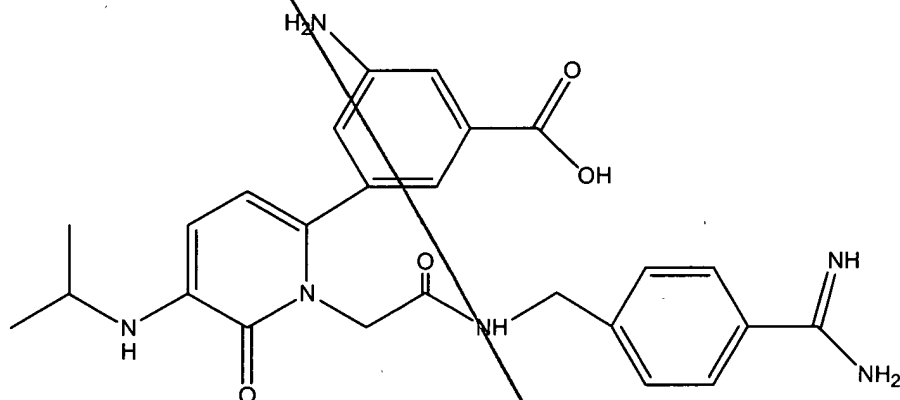
and R¹⁰ and R¹² are independently selected from the group consisting of hydrido, acetamido, haloacetamido, amidino, guanidino, alkyl, alkoxy, alkoxyamino, aminoalkyl, hydroxy, amino, alkylamino, alkylsulfonamido, amidosulfonyl, monoalkyl amidosulfonyl, dialkyl amidosulfonyl, hydroxyalkyl, halo, haloalkyl, carboalkoxy, carboxy, carboxyalkyl, carboxamido, and cyano.

Claim 68 (previously added): The compound of claim 62 wherein the compound is

Express Mail No. EV 233502734 US



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is Claim 69 (previously added): The compound of claim 62 wherein the compound



Claim 70 (previously added): The compound of claim 62 wherein Q is 3-amidocarbonyl-5-aminophenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Claim 71 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-benzylamidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Claim 72 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Express Mail No. EV 233502734 US

Claim 73 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidosulfonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Claim 74 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(trifluoromethylbenzyl)amidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

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Claim 75 (previously added): The compound of claim 62 wherein Q is 3,5-diaminophenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Claim 76 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxyphenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro and X⁰ is hydrido.

Claim 77 (previously added): The compound of claim 62 wherein Q is 3-amidocarbonyl-5-aminophenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 78 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-benzylamidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 79 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 80 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidosulfonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 81 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(trifluoromethylbenzyl)amidocarbonyl)phenyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Express Mail No. **EV 233502734 US**

Claim 82 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is (S)-2-butyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 83 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is ethyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

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Claim 84 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is 2-propenyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 85 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is isopropyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 86 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is 2-butyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 87 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is (R)-2-butyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 88 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is 3-pentyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 89 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is tert-butyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Claim 90 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is butyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is hydrido and X⁰ is hydrido.

Express Mail No. EV 233502734 US

Claim 91 (previously added): The compound of claim 62 wherein Q is 3-amidocarbonyl-5-amino-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

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Claim 92 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-benzylamidocarbonyl)-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

Claim 93 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidocarbonyl)-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

Claim 94 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(2-chlorobenzyl)amidodisulfonyl)-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

Claim 95 (previously added): The compound of claim 62 wherein Q is 3-amino-5-(N-(trifluoromethylbenzyl)amidocarbonyl)-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

Claim 96 (previously added): The compound of claim 62 wherein Q is 3,5-diamino-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.

Claim 97 (previously added): The compound of claim 62 wherein Q is 3-amino-5-carboxy-2-thienyl, B is 2-propyl, A is a single bond, Y⁰ is 4-amidinobenzyl, R¹ is chloro or hydrido and X⁰ is hydrido.